TABLE 2:　RBR　modifications.

RBR Id	req key	Req Categ	Seg	req type	s_verif method	s_verif stat	a_verif method	a_verif stat	text	interpretation text
PGS-0150#B	8179	mission essential	SDPS	functional	test	un-verified	test	un-verified	The PGS shall receive from the collocated DADS data availability schedules for remote DADS, SDPF, the Ips, the ADCs and ODCs.	ASTER GDS interfaces to EDC DAAC only.ONLY THE GSFC AND LARC DAACS WILL INTERFACE WITH EDOS. For ASTER the "data availability schedule" is called "Data Shipping Notice" (DSN)<u>. ODC's do not apply for B0. FOS Schedules come directly to PGS from FOS; not through DADS.</u>
PGS-0285#B	8770	mission essential	SDPS	functional	test	un-verified	test	<u>un-verified</u>	The PGS shall transmit to the IMS a status message to confirm or reject a processing order. The reason for rejection shall be included.	Functionally, IMS is a part of OPS. <u>This IMS function is handled by the operator staff.</u>
PGS-0295#B	8773	mission fulfillment	SDPS	functional	test	un-verified	test	<u>un-verified</u>	The PGS shall transmit a status message notifying the IMS of a revised completion time if processing will not complete per original schedule.	~~Metadata associated with a plan will indicate a delay in production requests.~~ <u>This IMS function is handled by the operator staff.</u>
PGS-0325#B	7401	mission essential	SDPS	functional	test	un-verified	test	un-verified	The PGS shall provide the SMC with scheduling and status information.	<u>Schedule and status information is passed through DADS.</u>
PGS-0605#B	8826	mission essential	SDPS	functional	test	un-verified	test	<u>un-verified</u>	The PGS shall process pre-launch test data and provide test data product samples for user verification.	The science software I&T process defined for ECS will allow for testing & integration of ~~instrument team (IT) provided~~ science software <u>provided by the instrument team (IT),</u> ~~with IT provided~~ <u>using</u> test data sets <u>also provided by the IT</u>.

PGS-0925#B	8870	mission essential	SDPS	procedural <u>operational</u> <u>functional</u>	test	un-verified	test	<u>un-verified</u>	The PGS shall validate algorithms used for conversions, calibrations and transformations of EOS engineering data.	Algorithms used for converting EOS engineering data into HDF-EOS format will undergo normal I&T procedures for validation. <u>Providing an operations staff makes this rqmt operational.</u> <u>Providing the tools for the staff to use is functional.</u>
PGS-1030#B	8931	mission essential	SDPS	functional <u>procedural</u> <u>operational</u>	test	un-verified	test	<u>un-verified</u>	The PGS shall provide a toolkit to the SCF containing versions of the routines specified in requirements PGS-0970 to PGS-1020.	
PGS-1300#B	8238	mission critical	SDPS	performance	analysis	un-verified	analysis	un-verified	Each PGS shall provide a processing capacity as shown in Table C-5 of Appendix C. It shall be possible to effectively utilize the entire reprocessing capacity at each site on computers with similar architectural design (e.g., parallel processors), for a single algorithm or any mix of algorithms normally run at that site. The four times processing capacity accounts for: a. normal processing demands b. reprocessing demands c. algorithm integration and test demands, production of prototype products, and ad hoc processing for "dynamic browse" or new search and access techniques developed by science users.	~~RQMT will be phased so that processing capacity will be provided following 2 years after MSN launch.~~ <u>Release A Processing capacity provided is equal to 1.2X normal processing AM-1 instruments and SAGE III. This will be provided only at the GSFC, LaRC, EDC and NSIDC DAACs. Totals provided as derived from the Feb., 1996 Technical Baseline (Release B0 procurement baseline) in MFLOPS is @ GSFC: 22899, @ LaRC: 24966, @EDC: 7581 and @ NSIDC: 71. These capacities include the 25% efficiency required by PGS-1301#A</u>

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TABLE 3:   New L4s.

L4 id	req key	rel	req_type	req status	Verific Method	verific Status	clarification	text
S-TKD-00520	NEW	B0	functional	approved	demo	unverified		The SDP Toolkit shall contain a tool for marking temporary files for deletion, enabling reuse of the logical file ID within the science software.
S-TKS-00520	NEW	TK5	functional	approved	demo	unverified		The SDP Toolkit shall contain a tool for marking temporary files for deletion, enabling reuse of the logical file ID within the science software.

TABLE 4: Modified L4.

L4 id	req key	rel	req_type	req status	clarification	text
S-DPS-60230	4684	A	performance	approved		The SPRHW CI shall provide a phased capacity to support: a. for pre-launch AI&T at launch minus 2 years: 0.3 X, where X is defined as the at-launch processing estimate b. for pre-launch AI&T and System I&T at-launch minus 1 year: 1.2 X, where X is defined as the at-launch processing estimate c. for post-launch AIT, standard processing, and reprocessing, starting at launch plus 1 year: 2.2 X, where X is defined as the standard processing estimate for that period d. for post-launch AIT, standard processing, and reprocessing, starting at launch plus 2 years: ~~4.2~~ 4.0X, where X is defined as the standard processing estimate for that period.

TABLE 5:   PGS RBRs -to-L4s adds.

RBR Id	L4 id
PGS-0140#B	S-DPS-61045
PGS-0140#B	S-PLS-00654
PGS-0150#B	S-PLS-00635
PGS-0150#B	S-PLS-00652
PGS-0150#B	S-PLS-00654
PGS-0150#B	S-PLS-00845
PGS-0270#B	S-DPS-20691
PGS-0290#B	S-PLS-00860
PGS-0310#B	C-MSS-18350
PGS-0640#B	S-DSS-03030
PGS-0925#B	S-DPS-40710
PGS-0925#B	S-DPS-40720
PGS-0925#B	S-DPS-40730
PGS-0925#B	S-DPS-40740
PGS-0925#B	S-DPS-40750
PGS-0925#B	S-DPS-40760
PGS-0925#B	S-DPS-40770
PGS-0925#B	S-DPS-40780
PGS-0925#B	S-DPS-40790
PGS-0925#B	S-DPS-40800
PGS-0925#B	S-DPS-40810
PGS-0925#B	S-DPS-40820
PGS-0925#B	S-DPS-40910
PGS-0925#B	S-DPS-40920
PGS-0925#B	S-DPS-40930
PGS-0925#B	S-DPS-40940
PGS-0925#B	S-DPS-40830
PGS-0925#B	S-DPS-40840
PGS-0925#B	S-DPS-21150
PGS-0925#B	S-DPS-21160
PGS-0925#B	S-DPS-40200
PGS-0925#B	S-DPS-40210
PGS-0925#B	S-DPS-40230
PGS-0925#B	S-DPS-40250
PGS-0925#B	S-DPS-40400

PGS-0925#B	S-DPS-40430
PGS-0925#B	S-DPS-41010
PGS-0925#B	S-DPS-41015
PGS-0925#B	S-DPS-41895
PGS-0925#B	S-DPS-42310
PGS-0925#B	S-DPS-42315
PGS-0925#B	S-DPS-42320
PGS-0925#B	S-DPS-42325
PGS-0925#B	S-DPS-42350
PGS-1010#B	S-TKD-00520
PGS-1010#TK5b	S-TKS-00520
PGS-1140#B	S-DPS-22030
PGS-1140#B	S-DPS-22040
PGS-1315#B	S-TKS-00520
PGS-1315#B	S-TKD-00521
PGS-1315#B	S-TKD-00530
PGS-1315#B	S-TKD-00535
PGS-1315#TK5b	S-TKS-00520
PGS-1315#TK5b	S-TKS-00521
PGS-1315#TK5b	S-TKS-00530
PGS-1315#TK5b	S-TKS-00535

TABLE 6:   PGS RBRs to L4s deletes.

RBR Id	L4 id
PGS-0150#B	S-PLS-00860
PGS-0160#B	S-PLS-00050
PGS-0230#B	S-PLS-00020
PGS-0330#B	C-MSS-36215
PGS-0330#B	C-MSS-36310
PGS-0330#B	C-MSS-36360
PGS-0330#B	C-MSS-36510
PGS-0330#B	C-MSS-36560
PGS-0330#B	C-MSS-36710
PGS-0380#B	S-PLS-01210
PGS-0458#B	S-PLS-00260
PGS-0500#B	S-PLS-00040
PGS-0560#B	S-PLS-00710
PGS-1025#B	S-INS-00207
PGS-1025#B	S-INS-00408
PGS-1025#B	S-INS-00409
PGS-1025#B	S-INS-00180
PGS-1025#B	S-INS-00200
PGS-1025#B	S-INS-00190